

To: Mahler, Tom[mahler.tom@epa.gov]; Hooper, Charles A.[Hooper.CharlesA@epa.gov]
Cc: Phillips, Todd[Phillips.Todd@epa.gov]
From: Monnig, Rob
Sent: Fri 12/16/2016 5:39:17 PM
Subject: RE: Bridgeton Dust Site QAPP - DRAFT for discussion

Before I forget, I had these thoughts:

- What are expectations for lab detection limits on the wipes? I don't think we'll be able to get down to 1E-6 for Ra-226, but I'm checking...

- Idea: The lead IEUBK model takes as input the lead dust concentration on a mass basis (e.g. ug/g). For our radionuclides of interest (U-238, Th-230, Ra-226), by far, the driver is ingestion of dust. The PRG calculator provides the ingestion slope factor for the radionuclides (risk/pCi). There should be a fairly easy way to use the ingestion assumptions of the lead model to use the PRGs with a pCi/g input.

From: Mahler, Tom [mailto:mahler.tom@epa.gov]
Sent: Friday, December 16, 2016 10:12 AM
To: Hooper, Charles A. <Hooper.CharlesA@epa.gov>; Monnig, Rob <rob.monning@tetrattech.com>
Cc: Phillips, Todd <Phillips.Todd@epa.gov>
Subject: RE: Bridgeton Dust Site QAPP - DRAFT for discussion

No problem there Chuck, do what you need to do.

I think this plan is in pretty good shape after all our work yesterday.

Tom

From: Hooper, Charles A.
Sent: Friday, December 16, 2016 10:08 AM

To: Monnig, Rob <rob.monnig@tetrattech.com>; Mahler, Tom <mahler.tom@epa.gov>
Cc: Phillips, Todd <Phillips.Todd@epa.gov>
Subject: RE: Bridgeton Dust Site QAPP - DRAFT for discussion

Ex. 6 - Personal Privacy

and then I'm going to work from home the rest of the day. I'll read through this asap but I think I'm going to be a little late for the 11am.

From: Monnig, Rob [<mailto:rob.monnig@tetrattech.com>]
Sent: Friday, December 16, 2016 10:00 AM
To: Mahler, Tom <mahler.tom@epa.gov>
Cc: Hooper, Charles A. <Hooper.CharlesA@epa.gov>; Phillips, Todd <Phillips.Todd@epa.gov>
Subject: RE: Bridgeton Dust Site QAPP - DRAFT for discussion

Sure. That works. I can let you know if I get off my 1000 call any earlier.

From: Mahler, Tom [<mailto:mahler.tom@epa.gov>]
Sent: Friday, December 16, 2016 9:59 AM
To: Monnig, Rob <rob.monnig@tetrattech.com>
Cc: Hooper, Charles A. <Hooper.CharlesA@epa.gov>; Phillips, Todd <Phillips.Todd@epa.gov>
Subject: RE: Bridgeton Dust Site QAPP - DRAFT for discussion

Understood Rob,

I am attaching a version with a few of my comments and some very minor edits to frame our next discussion. I would prefer not to send it to the QA shop for review until after this last conversation and any potential edits.

Can we plan to discuss at 11:00am?

Then depending on our discussion, I think I will send something to the QA shop by 12:00pm

Thoughts?

Tom

From: Monnig, Rob [<mailto:rob.monnig@tetrattech.com>]
Sent: Friday, December 16, 2016 9:52 AM
To: Mahler, Tom <mahler.tom@epa.gov>
Subject: RE: Bridgeton Dust Site QAPP - DRAFT for discussion

No problem. I have a 10:00 call, but then I'll work some more on the QAPP. I understand if you need to send it off, but I'll keep doing some minor editing to it and also I need to start working on a lab and verifying what kind of MDLs we can really get.

From: Mahler, Tom [<mailto:mahler.tom@epa.gov>]
Sent: Thursday, December 15, 2016 9:14 PM
To: Monnig, Rob <rob.monnig@tetrattech.com>
Cc: Hooper, Charles A. <Hooper.CharlesA@epa.gov>; Faile, Ted <Ted.Faile@tetrattech.com>
Subject: Re: Bridgeton Dust Site QAPP - DRAFT for discussion

Rob,

Thanks for giving this your all. Chuck and I really appreciate your dedication and hard work. I know it's been a long week and there is still one more day to go.

Thanks again,

Tom

Sent from my iPhone

On Dec 15, 2016, at 8:48 PM, Monnig, Rob <rob.monnig@tetrattech.com> wrote:

Tom, Chuck,

Here's a draft QAPP. This should be considered a preliminary draft for discussion. I'll be working on it more tomorrow.

Rob

Rob Monnig, PE | Chemical Engineer

415 Oak Street | Kansas City, Missouri 64106 | www.tetrattech.com
Direct: 816.412.1775 | Main: 816.412.1741 | Mobile: 816.729.5621 | Fax: 816.410.1748

Tetra Tech | Complex World, Clear Solutions™

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

<QAPP for Pre-CERCLIS Screening at Bridgeton Dust Site (DRAFT FOR DISCUSSION ONLY).doc>